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| Application Number | 09/229,046 |
| Filing Date | January 12, 1999 |
| First Named Inventor | Michael G. Coutts et al. |
| Group Art Unit | 2662 |
| Examiner Name | Saba Tsegaye |
| Attorney Docket Number | 7890.00 |

Sheet 1 of 2

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| Attorney Docket Number | 7890.00 |
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Sabar Tseng

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.* | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------|---|----------------|
| - | | Covaci et al., "Java-based intelligent mobile agents for open system management", TOOLS-WITH ARTIFICIAL INTELLIGENCE, 1997, PROCEEDINGS., NINTH IEEE INTL CONF ON NEWPORT BEACH CA USA 3-8 NOV 1997, LOS ALAMITOS CA USA, IEEE COMPT. SOC, US, 3 NOV 1997, pp 492-501, XP010254362, ISBN: 0-8186-8203-5 | |
| - | | Bleszczad et al., "Network management application-oriented taxonomy of mobile code", NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM, 1998-NOMS 98., IEEE NEW ORLEANS LA USA, 15-20 FEB 1998, NEW YORK NY USA, IBEE, US, 15 FEB 1998, pp 659=669, XP010167394, ISBN: 0-7803-4351-4 | |
| S | | Franklin et al., "Is it agent or just a program?: a taxonomy for autonomous agents", PROCEEDINGS OF THE THIRD INTL WORKSHOP ON AGENT-THEORIES,-ARCHITECTURES-AND-LANGUAGES, 'Online!' - 1996, XP002255762. Retrieved from the Internet: <URL:http://www.mscl.memphis.edu/(franklin/AgentProg.html> 'retrieved on 2003-09-03! | |
| - | | Liotta et al., "Modelling network and system monitoring over the Internet with mobile agents", NETWORK OPERATIONS AND MANAGEMENT-SYMPOSIUM, 1998-NOMS-98., IEEE NEW ORLEANS LA USA, 15-20 FEB 1998, NEW YORK NY USA, IEEE, US, 15 FEB 1998, pp 303-312, XP010267404, ISGN: 0-7803-4351-4 | |
| ST | | Garijo et al., "A multiagent system for cooperative network-fault management", PROCEEDINGS OF THE FIRST INTL CONF AND EXHIBITION ON THE PRACTICAL APPLNS OF INTELLIGENT AGENTS AND MULTI-AGENT TECH, pp 279-294, LONDON. 'Online! - 1996 XP002270915. Retrieved from the Internet: <URL:http://citeseer.nj.nec.com/garijo96multiagent.html> 'retrieved on 2004-02-18! | |
| ST | | Schroeder et al., "Distributed diagnosis by vivid agents", PROCEEDINGS OF INTL CONF ON AUTONOMOUS AGENTS, ACM PRESS, 'Online! - 1997, XP002270916. Retrieved from the Internet: <URL:http://citeseer.nj.nec.com/schroeder97distributed.html> 'retrieved on 2004-02-18! | |
| ST | | Zhang et al., "Developing network management applications in an application-oriented way using mobile agent", COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING, AMSTERDAM NL, vol. 30, no. 16-18, 30 SEP 1998, pp 1551-1557, XP004138686, ISSN: 0169-7552 | |
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